

—, 3-phenyl-
cyclic 1-(1,2-ethanedithiol mercaptole) —
see *Ethanone*, 2-(1,3-dithiolan-2-ylidene)-1-phenyl- [5653-30-5]

2-Propenenitrile, reactions
cyanoethylation by — see also *Cyanoethylation*

2-Propenenitrile, polymers
fibers from unspecified copolymers — see also *Acrylic fibers*
polymer with 1,3-butadiene, rubber — see also *Nitrile rubber*
polymer with 1,3-butadiene and ethenylbenzene, rubber — see also *ABS rubber*

2-Propenenitrile
—, 2-ethyl-
See *Butanenitrile*, 2-methylene- [1647-11-6]
—, 2-hydroxy-
See also *Propanenitrile*, 2-oxo- [631-57-2]

Propene oxide
See *Oxirane*, methyl- [75-56-9]

Propene ozonide
See 1,2,4-Trioxolane, 3-methyl- [38787-96-1]

1-Propene-2-phosphonamide
See *Phosphonic diamide*, P-(1-methylethenyl)- [4759-29-9]

1-Propene-1-phosphonic acid
See *Phosphonic acid*, 1-propenyl- [4672-37-1]
—, 2-methyl-
See *Phosphonic acid*, (2-methyl-1-propenyl)- [4730-73-8]

1-Propene-2-phosphonic acid
See *Phosphonic acid*, (1-methylethenyl)- [4721-36-2]

2-Propene-1-phosphonic acid
See *Phosphonic acid*, 2-propenyl- [6833-67-6]
—, thio-
See *Phosphonothioic acid*, 2-propenyl- [14641-56-6]

2-Propene-1-phosphonyl chloride
See *Phosphonic dichloride*, 2-propenyl- [1498-47-1]

1-Propene-1-sulfonic acid
—, 3-hydroxy-
γ-sultone — see 5H-1,2-Oxathiole, 2,2-dioxide [21806-61-1]

2-Propene-1-thiol [870-23-5]
Specific esters of acids with 2-propene-1-thiol are indexed under the names of the acids only; metal salts and general studies of esters of 2-propene-1-thiol are indexed at this heading

2-Propenimidic acid
—, 3-hydroxy-3-(2-hydroxyphenyl)-
δ-lactone — see 2H-1-Benzopyran-4-ol, 2-imino- [6722-08-3]

2-Propenoic acid [79-10-7]
Derivatives of 2-propenoic acid (acrylic acid) in which the 3-position is directly attached to a ring (except benzene) were indexed prior to Volume 76 at conjunctive names based on the name of the ring, e.g., 2-Naphthaleneacrylic acid. This compound is now indexed as 2-Propenoic acid, 3-(2-naphthalenyl)-. Similarly, the compound formerly named as 2H-Pyran-3-acrylic acid, β-methyl- is indexed at the largest acyclic acid name as 2-Butenoic acid, 3-(2H-pyran-3-yl)-.

2-Propenoic acid [79-10-7], **polymers**
Polymers of specified and unspecified 2-propenoate esters are indexed at 2-Propenoic acid, esters. Polymers of unspecified 2-propenoic acid derivatives are indexed at *Acrylic polymers*

2-Propenoic acid
—, 2-[(aminoacetyl)amino]-
See *Alanine*, glycol-2,3-didehydro- [10367-06-3]
—, 3-[(17β)-androstane-17-yl]-
See *Pregn-20-ene-21-carboxylic acid* [5784-60-1]
—, 3-(5-carboxy-2,3-dihydro-3-oxo-1H-inden-4-yl)-3-hydroxy-
γ-lactone — see 1H-Indeno[4,5-c]furan-1-acetic acid, 3,6,7,8-tetrahydro-3,8-dioxo- [3645-04-3]
—, 2-(chloromercurio)-
See *Mercurate*(1-), (2-carboxylatoethenyl)chloro-, hydrogen [25044-08-0]
—, 3-(6,7-dihydro-8-hydroxy-5H-benzocyclohepten-9-yl)-
δ-lactone — see Benzo[3,4]cyclohepta[1,2-b]pyran-3(5H)-one, 6,7-dihydro- [21963-04-2]
—, 3-(2,3-dihydro-7-hydroxy-1,4-benzodioxin-6-yl)-
δ-lactone — see 7H-Pyran[2,3-g]-1,4-benzodioxin-7-one, 2,3-dihydro- [13913-13-8]
—, 3-(3,4-dihydro-6-hydroxy-2H-1,3-benzoxazin-5-yl)-
δ-lactone — see Pyrano[3,2-f][1,3]benzoxazin-8-(1H)-one, 2,3-dihydro- [5651-44-5]
—, 3-(3,4-dihydro-7-hydroxy-2H-1,3-benzoxazin-7-yl)-
δ-lactone — see 2H,8H-Pyran[2,3-h]-1,3-benzoxazin-8-one, 3,4-dihydro- [5651-70-7]
—, 3-(2,3-dihydro-7-hydroxy-1H-cyclopenta[b]quinolin-8-yl)-
δ-lactone — see Cyclopenta[b]pyran[3,2-f]quinolin-3(8H)-one, 9,10-dihydro- [6250-02-8]
—, 3-(1,4-dihydro-7-hydroxy-1,4-dioxobenzo[3,4]cyclobuta[1,2-b]benzofuran-8-yl)-
δ-lactone — see 2H-Benz[3',4']cyclobuta[1',2':4,5]-furo[3,2-g]-1-benzopyran-2,6,9-trione [21963-02-0]
—, 3-(4,7-dihydro-6-hydroxy-4,7-dioxo-5-benzofuranyl)-
δ-lactone — see 4H-Furo[3,2-g][1]benzopyran-4,7,9-trione [483-36-3]
—, 3-(1,3-dihydro-1-hydroxy-1-isobenzofuranyl)-
γ-lactone — see Spiro[furan-2(5H),1'(3'H)-isobenzofuran]-5-one [4743-59-3]
—, 3-(1,2-dihydro-4-hydroxy-2-oxobenz[cd]indol-5-yl)-
δ-lactone — see 4H-[1]Benzopyrano[7,6,5-cd]indole-5,8-dione [5963-88-2]

—, 3-(2,3-dihydro-6-hydroxy-3-oxo-5-benzofuranyl)-
δ-lactone — see 7H-Furo[3,2-g][1]benzopyran-3,7(2H)-dione [21251-10-5]
—, 3-(6,7-dihydro-1-hydroxy-3-oxo-3H,5H-benzo[i]quinolizin-2-yl)-
δ-lactone — see 4H,8H,11H-Benz[1,2-b]pyran[2,3-b]quinolizine-8,11-dione, 5,6-dihydro- [6250-13-1]
—, 3-(1,2-dihydro-4-hydroxy-2-oxo-3-quinolinyl)-
δ-lactone — see 2H-Pyran[3,2-c]quinoline-2,5-(6H)-dione [4968-99-4]
—, 3-(6,7-dihydroxy-5-benzofuranyl)-
δ-lactone — see 7H-Furo[3,2-g][1]benzopyran-7-one, 9-hydroxy- [2009-24-7]
—, 3,3'-(2,3-dihydroxy-1,4-phenylene)bis-di-δ-lactone — see Benzo[2,1-b:3,4-b']dipyrans-2,9-dione [2684-82-4]
—, 3,3'-(2,4-dihydroxy-1,3-phenylene)bis-di-δ-lactone — see 2H,8H-Benz[1,2-b:3,4-b']dipyrans-2,8-dione [4406-82-0]
—, 3,3'-(4,6-dihydroxy-1,3-phenylene)bis-di-δ-lactone — see 2H,8H-Benz[1,2-b:5,4-b']dipyrans-2,8-dione [4413-05-2]
—, 2,3-diphenyl-
See *Benzeneacetic acid*, α-(phenylmethylene)- [3368-16-9]
—, 3-ferrocenyl-
See *Ferrocene*, (2-carboxyethenyl)- [12154-65-3]
—, 2-(furanyl)-3-phenyl-
See *Furanacetic acid*, α-(phenylmethylene)- [34363-68-3]
—, 3-(2-furanyl)-2-(1H-tetrazol-1-yl)-
See 1H-Tetrazole-1-acetic acid, α-(2-furanylmethylene)- [31148-10-4]
—, 2-hydroxy-
See also *Propanoic acid*, 2-oxo- [127-17-3]
—, 3-(6-hydroxy-7H-benzocyclohepten-5-yl)-
δ-lactone — see Benzo[3,4]cyclohepta[1,2-b]pyran-3(5H)-one [4443-76-9]
—, 3-(4-hydroxy-1,3,2-benzodioxaplumbol-5-yl)-
δ-lactone — see 8H-1,3,2-Dioxaplumbola[4,5-h]-[1]benzopyran-8-one [4442-65-3]
—, 3-(5-hydroxy-2H,8H-benzo[1,2-b:3,4-b']dipyrans-6-yl)-
δ-lactone — see 2H,6H,10H-Benz[1,2-b:3,4-b']-5,6-b''tripyran-2-one [4440-74-8]
—, 3-(4-hydroxy-5-benzofuranyl)-
δ-lactone — see 2H-Furo[2,3-h]-1-benzopyran-2-one [523-50-2]
—, 3-(5-hydroxy-4-benzofuranyl)-
δ-lactone — see 7H-Furo[3,2-f][1]benzopyran-7-one [6544-76-9]
—, 3-(5-hydroxy-6-benzofuranyl)-
δ-lactone — see 6H-Furo[2,3-g][1]benzopyran-6-one [6457-94-9]
—, 3-(6-hydroxy-5-benzofuranyl)-
δ-lactone — see 7H-Furo[3,2-g][1]benzopyran-7-one [66-97-7]
—, 3-(6-hydroxy-7-benzofuranyl)-
δ-lactone — see 7H-Furo[2,3-f][1]benzopyran-7-one [4412-93-5]
—, 3-(7-hydroxy-6-benzofuranyl)-
δ-lactone — see 8H-Furo[3,2-h][1]benzopyran-8-one [5768-44-5]
—, 3-(5-hydroxy-2H-1-benzopyran-6-yl)-
δ-lactone — see 2H,8H-Benz[1,2-b:3,4-b']dipyrans-2-one [6054-08-6]
—, 3-(5-hydroxy-4H-1-benzopyran-6-yl)-
δ-lactone — see 2H,10H-Benz[1,2-b:3,4-b']dipyrans-2-one [6054-12-2]
—, 3-(7-hydroxy-2H-1-benzopyran-8-yl)-
δ-lactone — see 2H,8H-Benz[1,2-b:3,4-b']dipyrans-8-one [6054-11-1]
—, 3-(3-hydroxy-benzo[b]thien-2-yl)-
δ-lactone — see 2H-[1]Benzo[thien]o[3,2-b]pyran-2-one [5732-22-9]
—, 3-(5-hydroxy-2H-1,3-benzoxazin-6-yl)-
δ-lactone — see 2H,8H-Pyran[2,3-f][1,3]benzoxazin-2-one [5722-61-2]
—, 3-(8-hydroxy-2H-1,3-benzoxazin-7-yl)-
δ-lactone — see Pyrano[3,2-h]-1,3-benzoxazin-9(2H)-one [5651-69-4]
—, 3-(4-hydroxy-5-benzoxazolyl)-
δ-lactone — see 8H-Pyran[2,3-e]benzoxazol-8-one [6790-00-7]
—, 3-(5-hydroxy-4-benzoxazolyl)-
δ-lactone — see 7H-Pyran[3,2-e]benzoxazol-7-one [5698-72-6]
—, (6-hydroxy-5-benzoxazolyl)-
δ-lactone — see 6H-Pyran[3,2-f]benzoxazol-6-one [5698-73-7]
—, 3-(2-hydroxy-1-cyclodecen-1-yl)-
δ-lactone — see 2H-Cyclodeca[b]pyran-2-one, 5,6,7,8,9,10,11,12-octahydro- [4486-23-1]
—, 3-(1-hydroxycyclohexyl)-
γ-lactone — see 1-Oxaspiro[4.5]dec-3-en-2-one [4435-19-2]
—, 3-(2-hydroxy-1-cyclononen-1-yl)-
δ-lactone — see Cyclonona[b]pyran-2(5H)-one, 6,7,8,9,10,11-hexahydro- [4744-75-6]
—, 3-(2-hydroxy-1-cycloocten-1-yl)-
δ-lactone — see 2H-Cycloocta[b]pyran-2-one, 5,6,7,8,9,10-hexahydro- [4734-88-7]
—, 3-(2-hydroxy-1-cyclopentadecen-1-yl)-
δ-lactone — see Cyclopentadeca[b]pyran-2(5H)-one, 6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro- [4727-19-9]
—, 3-(2-hydroxy-1-cyclopenten-1-yl)-
δ-lactone — see Cyclopenta[b]pyran-2(5H)-one, 6,7-dihydro- [5650-69-1]
—, 3-(1-hydroxycyclopentyl)-
γ-lactone — see 1-Oxaspiro[4.4]non-3-en-2-one [5732-90-1]
—, 3-(1-hydroxy-2-cyclopropen-1-yl)-
γ-lactone — see 4-Oxaspiro[2.4]hepta-1,6-dien-5-one [18543-12-9]
—, 3-(2-hydroxy-3,6-dioxo-1,4-cyclohexadien-1-yl)-
δ-lactone — see 2H-1-Benzopyran-2,5,8-trione

[4430-96-0]
—, 3-(2-hydroxy-1H-indol-3-yl)-
δ-lactone — see Pyrano[2,3-b]indol-2(9H)-one [27670-54-8]
—, 3-(7-hydroxy-5-methoxy-2,2-dimethyl-2H-1-benzopyran-6-yl)-
δ-lactone — see 2H,8H-Benz[1,2-b:5,4-b']dipyrans-2-one, 5-methoxy-8,8-dimethyl- [84-99-1]
—, 3-(1-hydroxy-2-naphthalenyl)-
δ-lactone — see 2H-Naphtho[1,2-b]pyran-2-one [2147-34-4]
—, 3-(2-hydroxy-1-naphthalenyl)-
δ-lactone — see 3H-Naphtho[2,1-b]pyran-3-one [4352-89-0]
—, 3-(3-hydroxy-2-naphthalenyl)-
δ-lactone — see 2H-Naphtho[2,3-b]pyran-2-one [3023-98-1]
—, 3-(3-hydroxyoxiranyl)-
δ-lactone — see 2,7-Dioxabicyclo[4.1.0]hept-4-en-3-one [18556-82-6]
—, 3-(5-hydroxy-4-oxo-4H-1-benzopyran-6-yl)-
δ-lactone — see 2H,10H-Benz[1,2-b:3,4-b']dipyrans-2,10-dione [5692-80-8]
—, 3-(8-hydroxy-2-oxo-2H-1-benzopyran-7-yl)-
δ-lactone — see Benzo[2,1-b:3,4-b']dipyrans-2,9-dione [2684-82-4]
—, 3-(8-hydroxy-4-oxo-4H-1-benzopyran-7-yl)-
δ-lactone — see Benzo[2,1-b:3,4-b']dipyrans-2,7-dione [5692-81-9]
—, 3-(1-hydroxy-4-oxo-2,5-cyclohexadien-1-yl)-
γ-lactone — see 1-Oxaspiro[4.5]deca-3,6,9-triene-2,8-dione [1899-38-3]
—, 3-(4-hydroxy-9-oxo-9H-furo[2,3-f][1]-benzopyran-5-yl)-
δ-lactone — see 5H,11H-Furo[2,3':5,6]benzo[1,2-b:3,4-b']dipyrans-5,11-dione [21974-11-8]
—, 3-(2-hydroxy-4-oxo-4H-pyran-3-yl)-
δ-lactone — see 2H,5H-Pyran[2,3-b]pyran-2,5-dione [28743-06-8]
—, 3-(3-hydroxy-4-oxo-4H-pyran-2-yl)-
δ-lactone — see Pyrano[3,2-b]pyran-2,8-dione [5270-53-1]
—, 3-(4-hydroxy-6-oxo-6H-pyrido[3,2,1-jk]-carbazol-5-yl)-
δ-lactone — see 5H,8H-Pyran[2,3':4,5]pyrido[3,2,1-jk]carbazole-5,8-dione [5622-94-6]
—, 3-(5'-hydroxy-4-oxospiro[naphthalene-1-(4H),2'-[2H]oxeto[2,3-b]benzofuran]-4'-yl)-
δ-lactone — see Spiro[naphthalene-1(4H),6'-[2H,6H]oxeto[3,2':4,5]furo[3,2-g][1]benzopyran]-2',4'-dione [28921-73-5]
—, 3-(2-hydroxy-4-oxo-4H-[1,3]thiazino[3,2-a]-benzimidazol-3-yl)-
δ-lactone — see 2H,5H-Pyran[3,2':5,6][1,3]thiazino[3,2-a]benzimidazole-2,5-dione [6705-56-2]
—, 3-(3-hydroxy-9-oxo-9H-xanthen-4-yl)-
δ-lactone — see 3H,7H-Pyran[2,3-c]xanthene-3,7-dione [6048-45-9]
—, 3-(2-hydroxy-1-phenanthrenyl)-
δ-lactone — see 2H-Phenanthro[2,1-b]pyran-2-one [6543-51-7]
—, 3-(4-hydroxy-3-phenanthrenyl)-
δ-lactone — see 2H-Phenanthro[4,3-b]pyran-2-one [6703-17-9]
—, 3-(2-hydroxyphenyl)-
δ-lactone — see 2H-1-Benzopyran-2-one [91-64-5]
—, 3-(6-hydroxy-7-pteridiny)-
δ-lactone — see 7H-Pyran[2,3-g]pteridin-7-one [4877-20-7]
—, 3-(3-hydroxy-1H-pyrazol-4-yl)-
δ-lactone — see Pyrano[2,3-c]pyrazol-6(1H)-one [6875-06-5]
—, 3-(4-hydroxy-3-quinolinyl)-
δ-lactone — see 2H-Pyran[3,2-c]quinolin-2-one [4959-98-2]
—, 3-(4-hydroxy-6H-1,3-thiazin-5-yl)-
δ-lactone — see 4H,7H-Pyran[2,3-d][1,3]thiazin-7-one [5664-42-6]
—, 3-(2-hydroxy-3-thienyl)-
δ-lactone — see 2H-Thieno[2,3-b]pyran-2-one [7679-88-1]
—, 3-(9-hydroxy-9H-xanthen-9-yl)-
γ-lactone — see Spiro[furan-2(5H),9'-[9H]-xanthen]-5-one [6048-46-0]

2-Propenoic acid, 2-methyl- [79-41-4], **polymers**
Polymers of specified and unspecified 2-methyl-2-propenoate esters are indexed at 2-Propenoic acid, 2-methyl-, esters. Polymers of unspecified 2-methyl-2-propenoic acid derivatives are indexed at *Acrylic polymers*

2-Propenoic acid
—, 3-[2'-(octahydro-2-hydroxy-2H-quinolizin-4-yl)[1,1'-biphenyl]-3-yl]-
κ-lactone — see 20H-6,20-Methano-11,15-metheno-1H,8H-benzog[pyrido[2,1-d][1,5]oxaazacyclohexadecan-8-one, 2,3,4,4a,5,6-hexahydro- [25460-06-4]
—, 2-pentyl-
See *Heptanoic acid*, 2-methylene- [4436-84-4]
—, 2-phenyl-
See *Benzeneacetic acid*, α-methylene- [492-38-6]
—, 3-phenyl-2-(1-piperidinylmethyl)-
See 1-Piperidinepropanoic acid, α-(phenylmethylene)- [34317-83-4]
—, 3-(1,2,3,4-tetrahydro-7-hydroxy-2,4-dioxobenzofuro[2,3':3,4]cyclobuta[1,2-d]pyrimidin-8-yl)-
δ-lactone — see 8H-Pyran[3'',2''':5,6]benzofuro[2,3':3,4]cyclobuta[1,2-d]pyrimidine-2,4,8(1H,3H)-trione [26676-97-1]
—, 3-(2,3,4,5-tetrahydro-3-hydroxy-3-furanyl)-
γ-lactone — see 1,7-Dioxaspiro[4.4]non-3-en-2-one [4437-34-7]